

Timeline

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- Requirements negotiated 9 July 2004
 - Preceded by a brief (~2 hr) requirements analysis/estimating process
- Requirements discussed briefly at TIM on 14 July 2004
- Requirements on contract 22 July 2004
- NG began Use Case generation after contract modification received
- NG presented draft Use Case (PowerPoint format) on 14 September at TIM
- NG received white paper with additional requirements on 14 September at TIM
- Iterations on white paper with user reps during the week of 20-24 September
- Detailed requirements review with Army SMEs 27-28 September
- NG updated analysis 29 September 5 October

SOW Paragraph

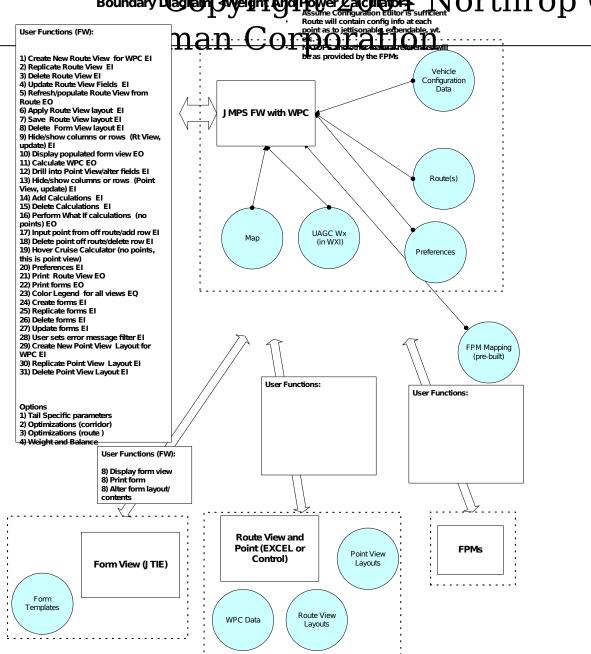
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4.3.1.1 Helicopter Weight and Power Calculator (SOW)

The contractor shall provide the capability to conduct route specific helicopter weight and power calculations and to produce required Weight and Power Forms in accordance with Army Aircrew Training and NATOPS manuals. In addition, performance calculations may be conducted for departure, cruise, destination and hover points. The UPC provides the capability to conduct 'what if' calculations using the specific aircraft and ambient conditions for any designated point along the route. This requirement is not currently supported by the JMPS tabular view.

Boundary Diagram Divertifing Grower 2 a Culab 4 Northrop Grum Assume Configuration Editor is sufficient Orthrop Grum Route will contain configuration at each

White **Paper Function Point Analysis**



Contract Tasking

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WPC Data Store

Preferences (data store)

Color Legend for all views

Refresh/populate Route View from Route

Display populated form view

Calculate WPC

Perform What If calculations (no points)

Print forms

Delete Form View layout

Add Calculations

Delete Calculations

Hover Cruise Calculator (no points, this is point view)

Preferences (Set for WPC)

Input point from off route/add row

Access Vehicle Configuration Data

Access FPM Mapping (pre-built)

Drill into Point View/alter fields

Additional Requirements in White Paner Grum

Additional requirements estimated at 93 FPs (all threshold requirements) with following transactions (details on spreadsheet):

Route View Route View Layouts

Refresh/populate Route View from Route

Print Route View

Create New Route View for WPC

Replicate Route View

Delete Route View

Update Route View Fields

Apply Route View layout

Save Route View layout

Form View

Form Templates

Create forms

Replicate forms

Delete forms

Update forms

Point View

Delete point off route/delete row

Hide/show columns or rows (Route View,

update)

Hide/show columns or rows (Point View,

update)

Create New Point View Layout for WPC

Replicate Point View Layout

Delete Point View Layout

User Features Input point from off route/add row

User sets error message filter

Point View Layouts

Additional Points

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- The objective requirements have not been estimated (identified in MAJ Sheyda document)
- There does not appear to be any functionality that can be traded from the current scope for either additional threshold or objective requirements